ABC Owned Television Stations
Coverage Contour Calculation and Analysis

Table of Contents

ABC Owned Television Stations
Coverage Contour Calculation and Analysis

Engineering Statement

Introduction

The ABC Owned Television Stations have authorized this office to calculate coverage contours for several Owned Television Stations and prepare exhibits which illustrate the information that is contained in each exhibit.

Attached as part of this Engineering Statement are six Exhibits. Each exhibit shows the location of the NTSC and DTV coverage contours of a single station. Also included on each exhibit are the areas within the service contours.

Calculation Methodology

The distances to each contour shown in the associated exhibits were determined by use of the methods described in the Commission's Rules. These results were than used to plot a contour and these same results were also used to calculate the areas contained within the contour under study.

The definition and value of each contour is shown below the map area in each exhibit. The contours are distinguished through use of different colors and solid, short, and long dashed lines.

At least two predicted coverage contours have been calculated for each station. These contours show the licensed NTSC and licensed DTV predicted service areas. Where the station is operating under automatic program test authority under the terms contained in a pending application for license, the contour is identified as such.

The predicted coverage contour for NTSC service is the Grade B contour as defined in Section 73.683(a) of the Commission's Rules. The predicted coverage contour for DTV operation is the Noise Limited Contour as defined in Section 73.622(e)(1) of the Rules. Antenna and operating power parameters were obtained from the Commission's records.

Results of calculations of predicted coverage areas are shown in units of square kilometers.

Exhibits

KABC-TV and KABC-DT coverage contours are shown in Exhibit 1. The licensed channel 7 Grade B Contour is the F(50:50) 56 dBu contour and the licensed DTV noise limited F(50:90) contour of 41 dBu is shown as well. The DTV service area is 85.1 percent of the area within the NTSC Grade B contour.

The KGO-TV and the KGO-DT coverage contours are shown in Exhibit 2. The licensed channel 7 Grade B Contour is the F(50:50) 56 dBu contour and the licensed DTV noise limited F(50:90) contour of 41 dBu is shown as well. The DTV service area is 70.4 percent of the area within the NTSC Grade B contour.

The KTRK and the KTRK-DT coverage contours are shown in Exhibit 3. The licensed channel 13 Grade B Contour is the F(50:50) 56 dBu contour and the licensed DTV noise limited F(50:90) contour of 41 dBu is shown as well. The DTV service area is 82.9 percent of the area within the NTSC Grade B contour.

The WPVI and the WPVI-DT coverage contours are shown in Exhibit 4. The licensed channel 6 Grade B Contour is the F(50:50) 47 dBu contour and the DTV noise limited F(50:90) contour of 41 dBu is shown as well. Additionally, the WPVI-DT predicted noise limited contour of 41 dBu is shown for the 1000 KW WPVI-DT initial allotment. The predicted DTV service area generated by the facility described in the pending WPVI-DT application for license is 92.4 percent of the area within the NTSC Grade B contour.

The WJRT and WJRT-DT coverage contours are shown in Exhibit 5. The licensed channel 12 Grade B Contour is the F(50:50) 56 dBu contour and the licensed DTV noise limited F(50:90) contour of 41 dBu is shown as well. The DTV service area is 86.4 percent of the area within the NTSC Grade B contour.

The WTVG and WTVG-DT coverage contours are shown in Exhibit 6. The licensed channel 13 Grade B Contour is the F(50:50) 56 dBu contour and the licensed DTV noise limited F(50:90) contour of 41 dBu is shown as well. The DTV service area is 66.4 percent of the area within the NTSC Grade B contour.

Certification

On behalf of the television broadcast stations above, each an ABC Owned Television Station, I have prepared or personally directed the preparation of the Exhibits associated with this Engineering Statement, and have reviewed the results of the calculations used to produce the results which are shown in the associated exhibits, and after such review, found them to be accurate and correct.

Signed: _____
Alfred E. Resnick, P. E.

Dated: February 15, 2007

Writer's telephone: 703 569-7704

EXHIBIT 1

PREDICTED COVERAGE CONTOURS

LICENSED KABC-DT CH53, LOS ANGELES, CA
182 kW, 924 mHAAT, 1821 mRCAMSL,DIE D-ANT
Predicted Noise Limited Contour,
F(50,90), 41 dBu
Total Area: 38,370 Sq. km.

LICENSED KABC(TV) CH. 7, LOS ANGELES, CA
141 kW, 978 m HAAT, 1877 m RCAMSL, HAR D-ANT
Predicted Grade B Contour
F(50,50) , 56 dBu
Total Area: 45,100 Sq. km.

FEBRUARY 2007

CARL T. JONES
CORPORATION

EXHIBIT 2

PREDICTED COVERAGE CONTOUR

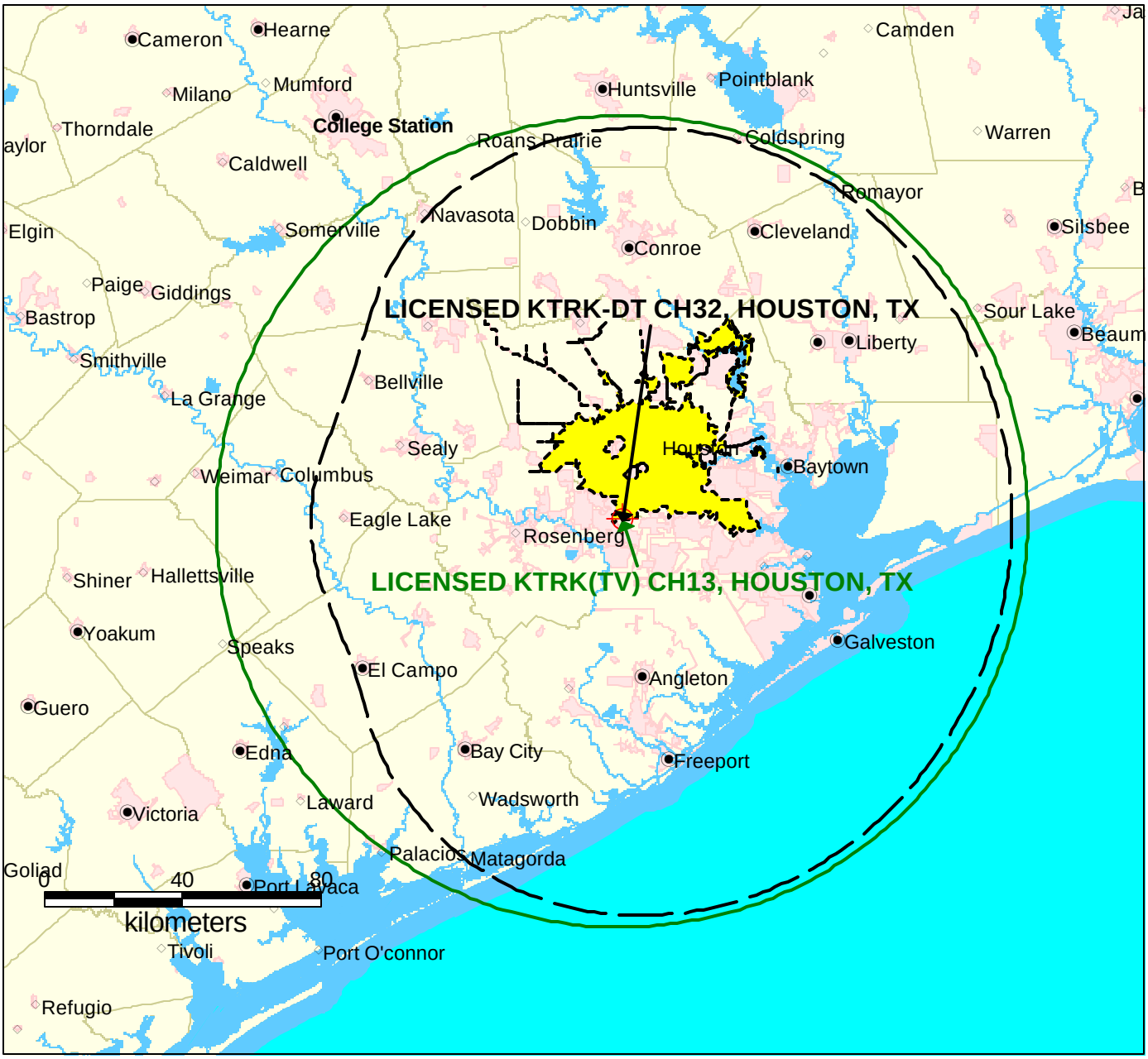
LICENSED KGO(TV) CH 7-, SAN FRANCISCO, CA
16kW, 509 mHAAT, 540 mRCAMSL, NON-D
PREDICTED 56 dBu F(50,50)
GRADE B CONTOUR
Total Area: 39,290

KGO-DT CH 24, SAN FRANSISCO, CA (LIC.)
561 kW, 437 mHAAT, 468 mRCAMSL
Predicted Noise Limited Coverage Contour
F(50,90), 41 dBu
Total Area : 27,650 Sq. km.

FEBRUARY 2007

CARL T. JONES
CORPORATION

EXHIBIT 3



PREDICTED COVERAGE CONTOURS

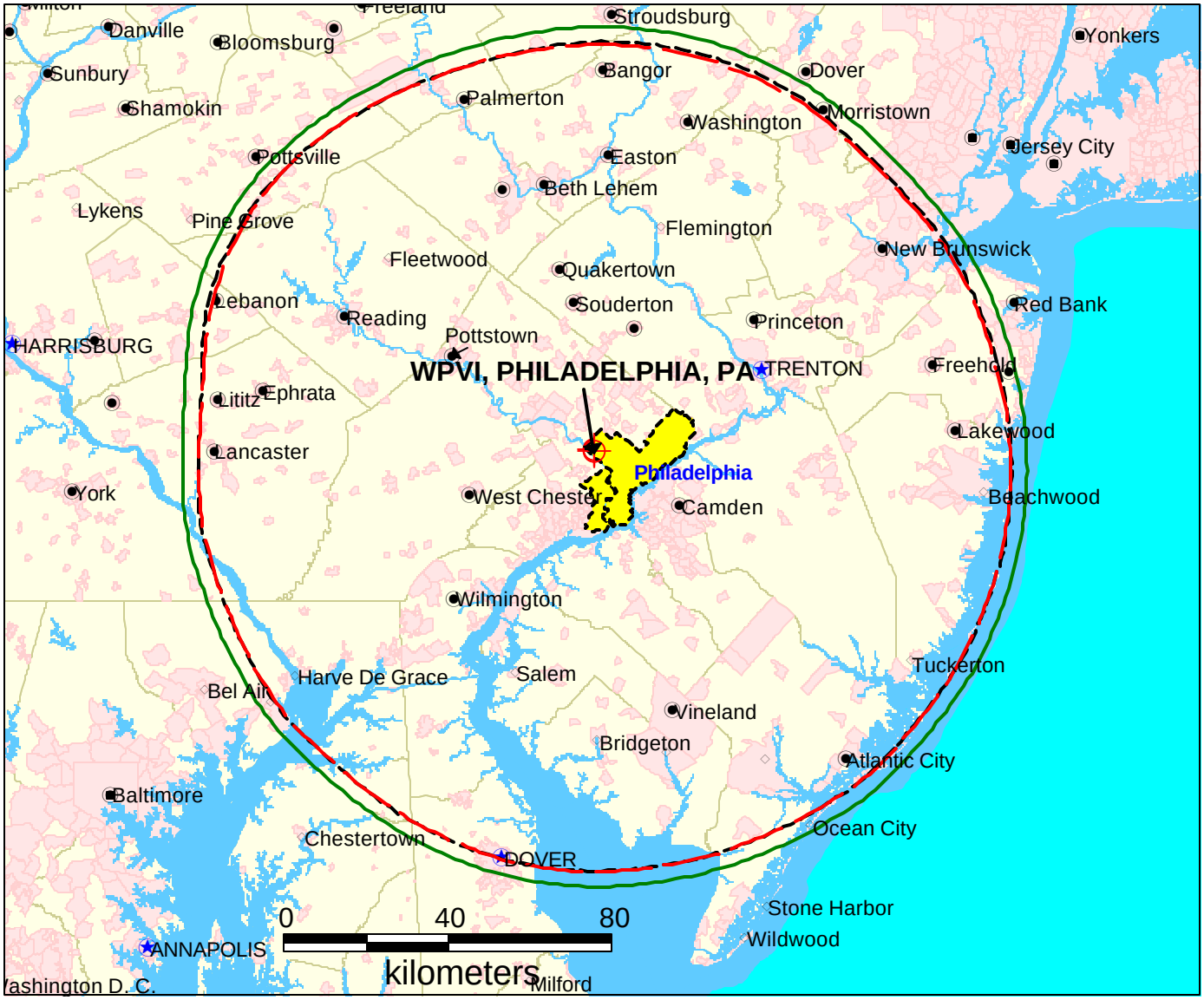
LICENSED KTRK(TV) CH13-, HOUSTON, TX
316 kW, 588 mHAAT, 607 mRCAMSL,NON-D ANT
Grade B, F(50,50), 56 dBu
Total Area: 44,500 Sq. km.

LICENSED KTRK-DT CH32, HOUSTON, TX
797 kW, 562 mHAAT, 582 mRCAMSL, D-ANT
Noise Limited Contour, F(50,90), 41 dBu
Total Area : 36,880 Sq. km.

FEBRUARY 2007

CARL T. JONES
CORPORATION

EXHIBIT 4



PREDICTED COVERAGE CONTOURS

LICENSED WPVI(TV) CH6, PHILADELPHIA, PA
CH. 6 , 74.1 kW, 332 mHAAT
Total Area : 33,250 Sq. km.

(DTV - CP MOD)
CH. 64 , 500 kW , 390 m HAAT
Total Area : 30,710 Sq. km.

(DTV - ALLOTMENT)
CH. 64 , 1000 kW , 332 m HAAT
REP PAPHILADELPH64 D-ANT
Total Area : 30,890 Sq. km.

PREDICTED 47 dBu F(50,50)
GRADE B CONTOUR

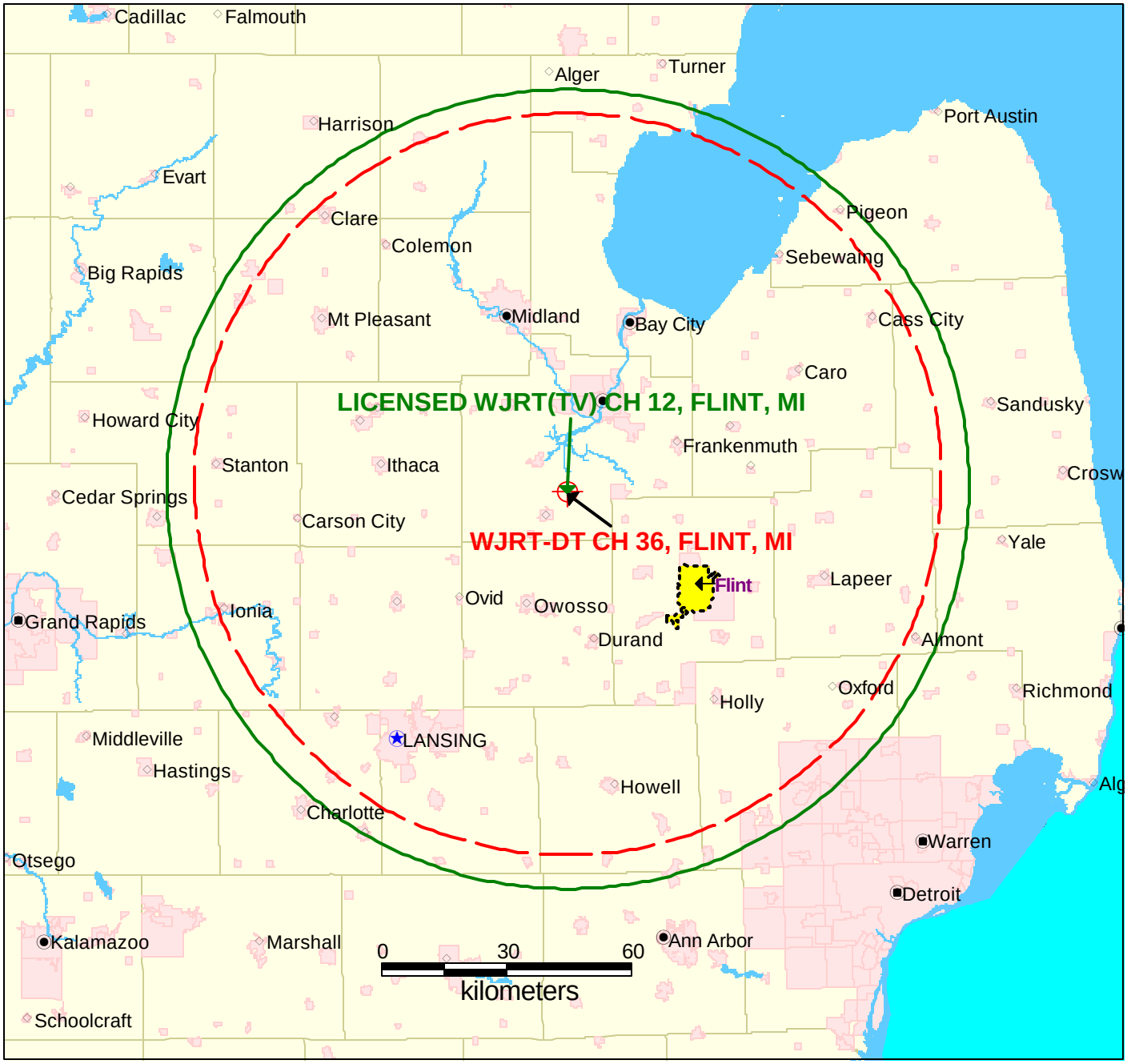
PREDICTED 41 dBu F(50,90)
NOISE LIMITED CONTOUR

PREDICTED 41 dBu F(50,90)
NOISE LIMITED CONTOUR

FEBRUARY 2007

CARL T. JONES
CORPORATION

EXHIBIT 5



PREDICTED COVERAGE CONTOURS

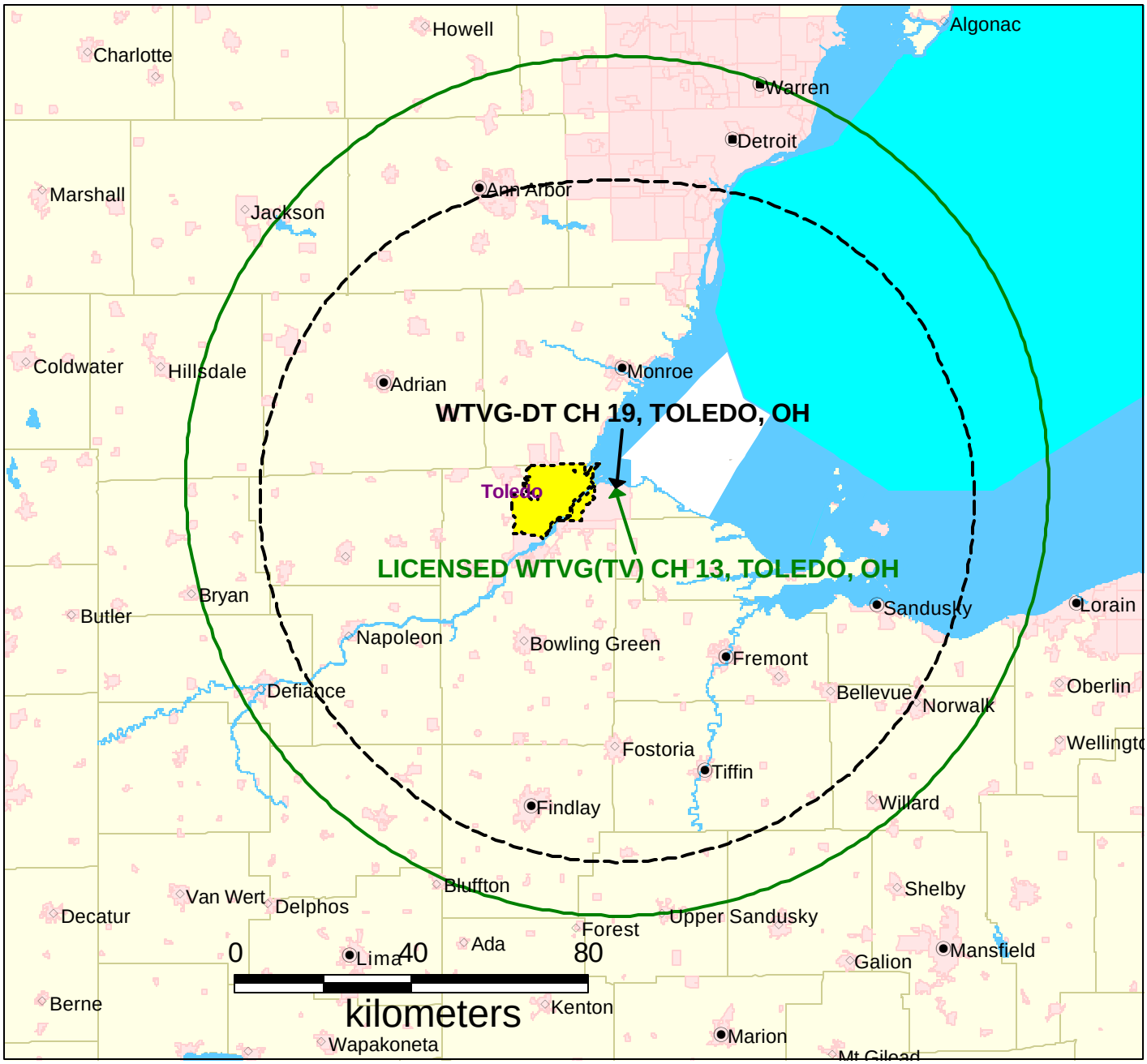
LICENSED WJRT(TV) CH 12- , FLINT, MI
316 kW, 285.5 mHAAT,477.5 mRCAMSL
NON-D, Predicted Grade B Contour
F(50,50), 56 dBu
Total Area: 28,020

LICENSED WJRT-DT CH 36, FLINT, MI
860 kW, 248 mHAAT, 439.9 mRCAMSL, NON-D
Predicted Noise Limited Coverage Contour
F(50,90), 41 dBu
Total Area : 24,200 Sq. km.

FEBRUARY 2007

CARL T. JONES CORPORATION

EXHIBIT 6



PREDICTED COVERAGE CONTOURS

LICENSED WTVG(TV) CH 13-, TOLEDO, OH
316kW, 305.4 mHAAT,485.4 mRCAMSL,
NON-D, Predicted Grade B Contour
F(50,50), 56 dBu
Total Area: 29,030

WTVG-DT CH 19, TOLEDO, OH (LIC.)
795 kW,221.5 mHAAT,401.4 mRCAMSL,D-ANT
Predicted Noise Limited Coverage Contour
F(50,90), 41 dBu
Total Area : 19,260 Sq. km.

FEBRUARY 2007

CARL T. JONES
CORPORATION